OCT 2 0 2005

## NFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	10/517,927
Filing Date	December 14, 2004
First Named Inventor	E. Peeters
Group Art Unit	2655
Examiner Name	
Attorney Docket Number	NL 020491

counterpart foreign application not more than three (3) months ago.		Please Account 1	charge any required fee under §1.17(i) or §1.17(p. No. <u>14-1270.</u>	o) or any other required fee (except the issue fee) to						
counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.  Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.  A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.  A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. Filing Date relied on for an earlier effective filing date under 35 U.S.C. 120).  A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.  A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:    cited in the specification or considered in drafting the specification of this application;   previously submitted or cited in the parent application (or in a related patent application Filing Date:	1.	☐ I certificounterpa	fy that these documents were first cited in any communication from a foreign Patent Office in a art foreign application not more than three (3) months ago.							
A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.  A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. Filing Date relied on for an earlier effective filing date under 35 U.S.C. 120).  A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.  A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:  Cited in the specification or considered in drafting the specification of this application;  previously submitted or cited in the parent application (or in a related patent application;  previously submitted or cited in the parent application (or in a related patent application ser. No. Filing Date:  X cited as an "X" "Y" or "A" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.  **Registration No. (Attorney/Agent)** 33,357  **Date**  **Date**  **CERTIFICATE OF MAILING OR TRANSMISSION**  Thereby certly that this is being deposited with the U.S. Postal Service with sufficient postage as first class mall in an envelope addressed to Commissioner For Patents, on the date below:  **On the date below:**  **Date**  **CERTIFICATE OF MAILING OR TRANSMISSION**  Therefore Type**  **Date**  **Date**  **CERTIFICATE OF MAILING OR TRANSMISSION**  The cent	2.	counterna	sterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, none							
months after the date of application or RCE, because I certify I. or 2. as indicated above.  A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. Filing Date relied on for an earlier effective filing date under 35 U.S.C. 120).  A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.  A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:  Cited in the specification or considered in drafting the specification of this application;  previously submitted or cited in the parent application (or in a related patent application Filing Date:  X cited as an "X" "Y" or "A" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.  Signature Of APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print Type) Michael E. Belk  Registration No. (Altomey/Agent) 33,357  Signature Date W. A Commissioner For Patents, on the date below:  Name (Print Type) EDNA CHAPA  Date Date Office tel. # on the date below:  Name (Print Type) EDNA CHAPA  Date Date Office tel. # on the date below:  Date Date Office tel. # on the date below:		Application Allowance	cant hereby petitions under $\S1.97(d)$ that this IDS e, pays the fee under $\S1.17(p)$ as indicated below	be considered after final Action or Notice of , and I certify 1. or 2. as indicated above.						
application (or in U.S. patent application Ser. No. Filing Date relied on for an earlier effective filing date under 35 U.S.C. 120).    A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.    A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:    cited in the specification or considered in drafting the specification of this application;   previously submitted or cited in the parent application (or in a related patent application Filing Date:	i	A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.								
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designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).  The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:    cited in the specification or considered in drafting the specification of this application;   previously submitted or cited in the parent application (or in a related patent application Ser. No		after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 3/1								
Cited in the specification or considered in drafting the specification of this application;   previously submitted or cited in the parent application (or in a related patent application Ser. No		A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).								
previously submitted or cited in the parent application (or in a related patent application Ser. No	The co §1.56(	Γhe concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:								
Ser. No		cited in the specification or considered in drafting the specification of this application;								
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED  Name (Print Type) Michael E. Belk Registration No. (Attorney/Agent) 33,357  Signature Date W·/7 · 0 5  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # : on the date below:  Name (Print Type) EDNA CHAPA		previously submitted or cited in the parent application (or in a related patent application Ser. NoFiling Date:;								
Name (Print Type)  Michael E. Belk  Signature  MunkpalkBele  CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # :		X cite	ed as an "X" "Y" or "A" document in a foreign Pa on, a copy of which report is also enclosed.	tent Office search report in a foreign counterpart						
Signature  **Date**  **Dat			SIGNATURE OF APPLICANT, ATTORN	EY, OR AGENT REQUIRED						
CERTIFICATE OF MAILING OR TRANSMISSION  I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # :on the date below:  Name (Print Type)  EDNA CHAPA  Signature	Name (P	rint Type)	Michael E. Belk	7.09.00						
I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # :	Signature	e	Mulpel Boll	Date 10.17.05						
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## INTERNATIONAL SEARCH REPORT

Intel nal Application No PC i/1B 03/02358

A. CLASSIFIC	cation of subject matter G11B7/24	
According to I	nternational Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SI	EARCHED umentation searched (classification system followed by classification symbols)	
IPC 7	G11B	
Documentation	on searched other than minimum documentation to the extent that such documents are included in the fields	searched
Electronic del	ta base consulted during the international search (name of data base and, where practical, search terms us	ed)
EPO-Int	ernal, WPI Data, PAJ, INSPEC	
C. DOCUME	NTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Tiagram of the second
Α	EP 0 331 233 A (PHILIPS) 6 September 1989 (1989-09-06) page 8, line 28 - line 56; claims 1,4-12	1
A	US 5 976 638 A (S J PICKEN) 2 November 1999 (1999-11-02) cited in the application claims 1,2	1
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A	US 5 353 247 A (S M FARIS) 4 October 1994 (1994-10-04) claims 1,43; figures 7,8	1
	inther chargingents are listed in the continuation of box C. X Patent family members are	listed in annex.
1	rther documents are asked in the contamodation of box of	
"A" documents of the control of the	categories of cited documents:  ment defining the general state of the art which is not sidered to be of particular relevance or document but published on or after the international grate or establish the publication date of another this cited to establish the publication date of another tion or other special reason (as specified)  ment referring to an oral disclosure, use, exhibition or er means unent published phor to the international filing date but  "" later document published after the or priority date and not in conflict cited to understand the principle cited to understand the principle cited to understand the principle cannot be considered only or involve an inventive step when document of particular relevance cannot be considered to involve cannot be considered to involve document is combined with one ments, such combination being in the activation being an inventive activation being the published prior to the international filing date but  "" document member of the same	s or theory underlying the  c; the dalmed invention cannot be considered to the document is taken alone s; the claimed invention an inventive step when the e or more other such docu- obvious to a person skilled
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Date of t	16 September 2003 29/09/2003	·
Name a	nd mailing address of the ISA  European Patent Office, P.B. 5618 Patentiaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 91 651 epo nl.  Fax: (+31-70) 340-3016  Vanhecke, H	

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